

Chloro(tributyloxy)silane

Inchi:	InChI=1S/C12H27ClO3Si/c1-4-7-10-14-17(13,15-11-8-5-2)16-12-9-6-3/h4-12H2,1-3H3
InchiKey:	RYFIHIMBHQWVNQ-UHFFFAOYSA-N
Formula:	C12H27ClO3Si
SMILES:	CCCCO[Si](Cl)(OCCCC)OCCCC
Mol. weight [g/mol]:	282.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.06		Crippen Method
logp	4.111		Crippen Method
rinpol	1420.00		NIST Webbook
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rinpol	1420.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R139283&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/78-672-0/Chloro-tributyloxy-silane.pdf>

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